

The following provides the status of the claims pending in the application.

1. (Previously presented) A method of diagnosing sepsis in a human subject, comprising:
determining a concentration of at least one analyte in a test sample from said human subject;
comparing the concentration of each said analyte(s) to a corresponding reference concentration
selected to indicate the presence or absence of sepsis, wherein said reference concentration is
determined using one or more control samples obtained from one or more human subjects not
suffering from sepsis,
provided that at least one of said analyte(s) is myeloid progenitor inhibitory factor-1 ("MPIF-1"),
wherein an elevated concentration of MPIF-1 in the test sample relative to the reference
concentration is indicative of the presence of sepsis in the human; and
diagnosing sepsis in the human subject using the result(s) of said comparing step.
2. (Original) The method of claim 1 wherein said samples comprise blood.
3. (Original) The method of claim 1 wherein said samples comprise serum.
4. (Original) The method of claim 1 wherein said samples comprise plasma.
5. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is
interleukin 1 receptor antagonist ("IL-1 Ra").
6. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is
monocyte chemotactic protein-1 ("MCP-1").
7. Cancelled
8. (Previously presented) The method of claim 1 wherein further provided that at least one
analyte is tumor necrosis factor receptor-1 ("TNF-R1").
9. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is
monokine induced by interferon gamma ("MIG").
10. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is B-
lymphocyte chemoattractant ("BLC").
11. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is
herpes virus entry factor ("HVEM").

12. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is interleukin-15 ("IL-15").
13. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is monocyte chemotactic protein-2 ("MCP-2").
14. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is macrophage colony stimulating factor ("M-CSF").
15. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is monocyte chemotactic protein-3 beta ("MIP-3 β ").
16. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is matrix metalloproteinase-9 ("MMP-9").
17. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is pulmonary and activation-regulated chemokine ("PARC").
18. (Withdrawn) The method of claim 1 wherein further provided that at least one analyte is interleukin 1 receptor antagonist ("ST-2").
19. (Previously presented) The method of claim 1 wherein sepsis is diagnosed if at least two of said analytes in said test sample are elevated relative to the corresponding reference concentrations.
20. (Withdrawn) The method of claim 1 wherein sepsis is diagnosed if at least three of said analytes in said test sample are elevated relative to the corresponding reference concentrations.
21. (Withdrawn) The method of claim 1 wherein sepsis is diagnosed if at least four of said analytes in said test sample are elevated relative to the corresponding reference concentrations.
22. (Withdrawn) The method of claim 1 wherein sepsis is diagnosed if at least five of said analytes in said test sample are elevated relative to the corresponding reference concentrations.
23. (Withdrawn) The method of claim 1 wherein sepsis is diagnosed if at least six of said analytes in said test sample are elevated relative to the corresponding reference concentrations.
- 24-95. Cancelled
96. (Withdrawn) The method of claim 1, further provided that at least one analyte is selected from the group consisting of epidermal growth factor ("EGF"), epithelial cell-derived neutrophil activating peptide ("ENA-78"), eotaxin ("EOT"), growth-related oncogene beta ("Gro- β "), interleukin-1 beta ("IL-1 β "), Leptin, macrophage migration inhibitory factor ("MIF"),

macrophage inflammatory protein-1 alpha ("MIP-1 α "), oncostatin M ("OSM"), Protein C, P-Selectin, and hemofiltrate CC chemokine 4 ("HCC4").

97. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is EGF.

98. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is ENA-78.

99. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is EOT.

100. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is Gro- β .

101. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is IL-1 β .

102. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is Leptin.

103. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is MIF.

104. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is MIP-1 α .

105. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is OSM.

106. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is Protein C.

107. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is P-Selectin.

108. (Withdrawn) The method of claim 96 wherein further provided that at least one analyte is HCC4.